

11426

Diag. Cht. No. 5402-2.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Shoreline (Photogrammetric)

Field No. Ph-121 Office No. T-11426

LOCALITY

State California

General locality Monterey Bay

Locality Monterey Harbor

1949-54

CHIEF OF PARTY

C.J. Beyma, Chief of Field Party

L.C. Lande, Div. of Photo. Wash., D.C.

LIBRARY & ARCHIVES

DATE June 13, 1958

B-1870-1 (1)

11426

DATA RECORD

T- 11426

Project No. (II): **CS-362**
Office Ph-121

Quadrangle Name (IV): **Monterey Harbor**

Field Office (II): **Monterey, Calif.**

Chief of Party: **C. J. Beyma**

Photogrammetric Office (III): **Washington, D. C.**

Officer-in-Charge: **L.C.Lande, Chief**
Graphic Compilation Branch

Instructions dated (II) (III):

Office Memo Dated 9 April 1954, 731-aal

Copy filed in Division of
Photogrammetry (IV)

Field Instructions, 25 Aug. 1953, 711-aal

Office Files

" "

16 Sept. 1953, 22-MEK (Hydro)

FP West Coast

Method of Compilation (III): **Graphic**

Manuscript Scale (III): **1:10,000**

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): **1.1**

Date received in Washington Office (IV): **JUN 23 1954**

Date reported to Nautical Chart Branch (IV): **7-1-54**

Applied to Chart No.

Date:

Date registered (IV):

16 Oct 1957

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): **NA 1927**

Vertical Datum (III):

Mean sea level except as follows:

Elevations shown as (25) refer to mean high water

Elevations shown as (2) refer to sounding datum

i.e., mean low water or mean lower low water

Reference Station (III): **BEATH 2, 1953**

Lat.: **36° 36' 03.630"**
(111.9 - 1737.6)

Long.: **121° 52' 50.882"**
(1264.7 - 226.6)

~~AMSTAD~~

Unadjusted

Plane Coordinates (IV):

State:

Zone:

Y=

X=

Roman numerals indicate whether the item is to be entered by (I) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

DATA RECORD

Field Inspection by (II): **C.J. Beyma and H.L. Runge**

Date: **Dec. 1953**
Jan. 1954

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location):

Field inspection of photographs, Dec. 1953 and Jan. 1954.
Office inspection of photographs used for the shoreline between
Pt. CABRILLO and PT. AULON.

Projection and Grids ruled by (IV): **Austin Riley**

Date: **4/7/54**

Projection and Grids checked by (IV): **AR**

Date: **4/8/54**

Control plotted by (III): **G. O. DeMarr**

Date: **4/14/54**

Control checked by (III): **S.G. Blankenbaker**

Date: **May 1954**

Radial Plot or Stereoscopic **S. G. Blankenbaker**
Control extension by (III):

Date: **May 1954**

Planimetry
Stereoscopic Instrument compilation (III):
Contours

Date:

Date:

Manuscript delineated by (III): **S. G. Blankenbaker**

Date: **May 1954**

Photogrammetric Office Review by (III):

R. J. French

Date: **6/10/54**

Elevations on Manuscript
checked by (II) (III):

Date:

Camera (kind or source) (III):

PHOTOGRAPHS (III)

Number	Date	Time	Scale	
18F-27	8/18/49			
28	"			
29	"	Unknown		Field inspected during Dec. 1953 and Jan. 1954
30	"			
31	"			
38	"			
39	"		Approx.	
40	"		1:11,000	
68	"			
69	"			
70	"			
115	"			
116	"			
117	"			
118	"	Tide (III)		

Reference Station: **San Francisco**
 Subordinate Station: **Monterey, Monterey Bay**
 Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
0.9	3.9	5.7
	3.5	5.3

~~Spring~~ **Annual**

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): **8**
 Shoreline (More than 200 meters to opposite shore) (III): **8**
 Shoreline (Less than 200 meters to opposite shore) (III):
 Control Leveling - Miles (II):
 Number of Triangulation Stations searched for (II): **10**
 Number of BMs searched for (II):
 Number of Recoverable Photo Stations established (III):
 Number of Temporary Photo Hydro Stations established (III):

Recovered: **10** Identified: **10**
 Recovered: Identified:

Remarks:

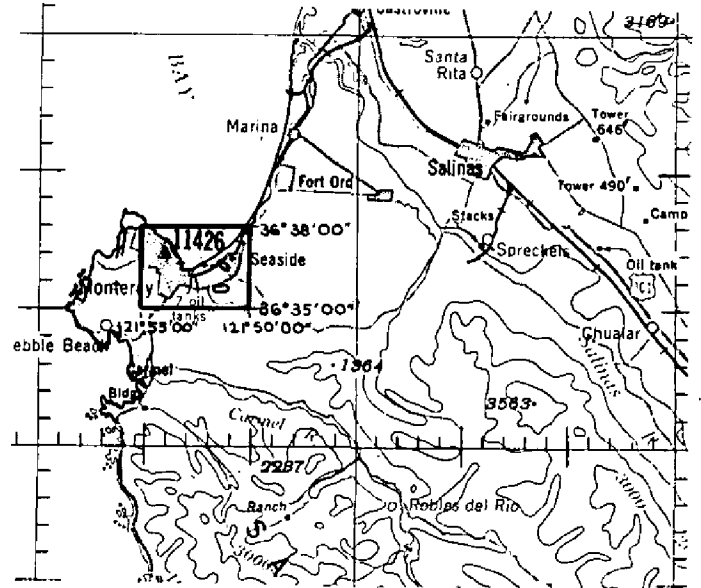
4.6 ft. was given by Tides and Currents as the difference between MLLW and MHW. This figure was used for datum.

SHORELINE MAPPING PROJECT PH-121

Monterey Bay, CALIFORNIA

OFFICIAL MILEAGE FOR COST ACCOUNT

Sheet No	Lin. Miles Shoreline	Sq. Miles Area
11426	<u>8</u>	<u>8</u>
TOTALS	8	8



WEST COAST FIELD PARTY
U. S. COAST & GEODETIC SURVEY

Monterey, California

To: Chief, Division of Photogrammetry
U. S. Coast & Geodetic Survey
Washington 25, D. C.

Subject: Field Inspection of Aerial Photographs, Monterey Harbor,
California Project CS-362.

The photogrammetry was accomplished in accordance with instructions for Project CS-362 dated 16 September 1953. The purpose of this survey was to delineate the high water line and identify aids to navigation and rocks.

The horizontal control was identified directly on the photographs whenever possible. All control identification on photography No. ABG-18F-68 was done in this manner. The control stations, that could not be pricked direct, were identified by setting up over the photopoint or the station involved and measuring the angle to determine the azimuth and measure the distance between the two points. In one instance two points were used with one point on range with the initial station. The following is a list of horizontal control stations, their origin and the photographs they apply to:

<u>PHOTOGRAPH</u>	<u>STATION</u>	<u>ORIGIN</u>
ABG-18F-27	AIRWAY	Triangulation, 1930
	Beacon	Triangulation, 1953
ABG-18F-30	MONTEREY BAY 3	Triangulation, 1910
	Box	Triangulation, 1953
ABG-18F-68	Town	Topography, T-4813
	Tank	" "
	Gab.	" T-4790
	American Can Co.	Triangulation, 1932
	Breakwater Light	Triangulation, (USE) 1937
	Presidio Monument	" 1932
	KMBY Radio Mast	" (USE), 1937
ABG-18F-117	KMBY Radio Mast	Triangulation, 1937, (USE)
	Slab	" 1953
	Chim	Topography, T-4790
	Stak	" "

The continual shifting of the sand by wind and water erosion makes it exceedingly difficult to identify the high water line. Also the photographs are four years old. At the time of the field inspection of the high water line, two men walked the entire beach east of the breakwater. At this time an opening from the lagoon into the sea was found near station Slab on photograph ABG-18F-117, but at an earlier date there was no such opening. Along the high sand bluffs, on photograph ABG-18F-30, there has been considerable erosion. The high water line is at the base of these bluffs. The high water has started to wash away the asphalt parking area at the foot of the paved road leading to the beach near station Box. The high water line was sketched in using the parking area as a reference. The accuracy of the high water line sketched on the photographs is plus or minus 5 meters. The entire shoreline northwest of the breakwater is very rocky, with the greater part built up with canneries. The approaches, to the open beaches in this area, are infested with rocks.

obstructed by

The shoreline between Point Cabrillo (Mussel Point) and the breakwater is very rocky. Five days were spent looking for rocks in this area at low tide. The rocks in this area were pricked when a positive identification was possible. Two reefs were found on a minus tide of 1.2 feet. On photograph ABG-18F-68, the two reefs of rocks were sketched in by using a range to establish the distance offshore and were placed along this range by using the buildings along the waterfront as references. The two reefs were located in this manner as there was too much wave action to take a launch in to get these rocks by sextant fixes. The two reefs were not pricked. The small area between the breakwater and the Municipal Piers was done by positive identification.

The navigation lights on the north end of fish shed on Municipal Pier No. 2 were pricked as the corners of the building. The fog signal bell is at the base of wall at the north end of fish shed. The breakwater light and KMBY Radio Mast are the only other minor aids to navigation and they are both pricked as control stations. The breakwater light and KMBY Radio Mast make a natural true North-South range.

Submitted by

H. L. Runge

H. L. Runge

Carto. Survey Aid

Approved and Forwarded

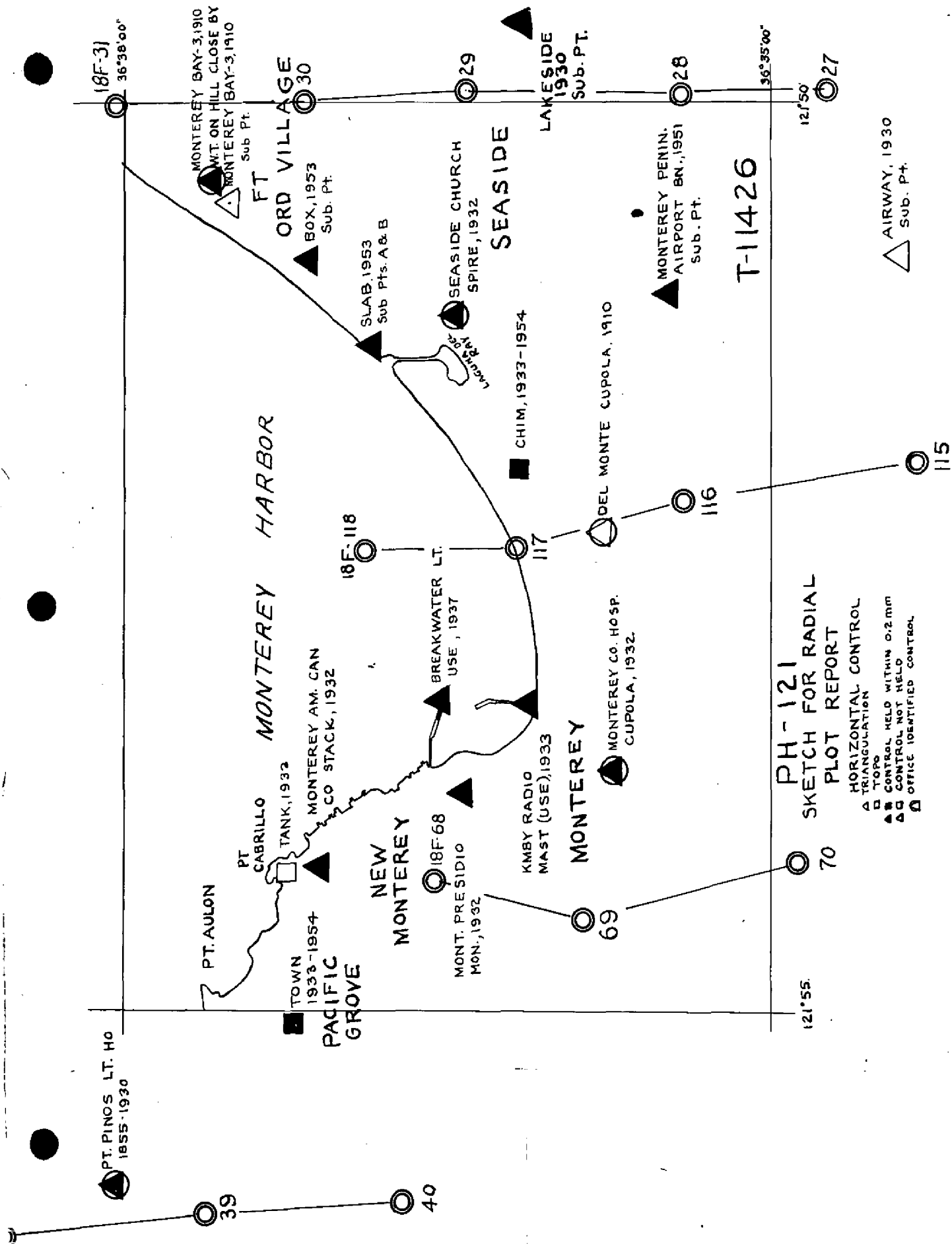
C. J. Beyma.

C. J. Beyma

CDR., USC&GS

Chief of Party

*Dec/Jan
53/54*



Photogrammetric Plot Report

T-11426 Ph-121

21. Area covered.-The manuscript covers shoreline and along-shore features of Monterey Harbor, California.

22. Method.-The vinylite manuscript was ruled at 1:10,000 scale with a polyconic projection and a California Zone 4 state grid. The plot was assembled directly on the manuscript.

The photography is single-lens (1:20,000 scale) taken in 1949 for the Production and Marketing Administration. Ratio prints (matte paper) at an approximate scale of 1:11,000 were used for the field inspection and in the radial plot and compilation. Due to the bad paper distortion, a master templet was used to adjust the radial lines during templet preparation.

Photograph Numbers (8-18-49)

18-F - 38	18F-68	18F-118	18F-27
39	69	117	28
40	70	116	29
		115	30
			31

Vinylite stock was used for the templets. 18 horizontal control stations consisting of 10 field identified and 5 office identified triangulation stations and 3 field identified topographic stations were used as control for the plot. The closure and adjustment to control were good considering the photography. The intersections of radials for control and pass points ~~was~~ were good and only 3 triangulation stations were not held.

23. Adequacy of control.-The horizontal control was considered adequate. The accuracy of that section of the plot in the vicinity of Pt. Cabrillo, west to the sheet limits is dependent upon Topographic Sta. Town, 1933 and triangulation station Pt. Pinos Light Ho. 1855 - 1930 (Office identified). The field identified triangulation station Monterey American Can Co. Stack, 1932, falls on only one photograph. The station was held with one radial. Topo Sta. Tank, 1933 was not held with the one radial.

Two field identified stations (Airway, 1930 sub. pt. and Monterey Bay-3, 1910, Sub. Pt.) were not held in the plot. Airway, 1930 is well outside the area to be compiled. Monterey Bay-3, 1910 could not be held with better identified stations in the vicinity.

24. Supplemental Data.-

Topographic Survey 4790, 1933
" " 4813, 1933

25. Photography.-The photography was adequate except for coverage in the vicinity of Point Cabrillo and was not ratioed exactly to scale.

Matte paper was used which had high distortion "in flight" and consequently, caused angular distortions for radials into the corners. It was necessary to correct for these distortions before accurate results could be obtained from the photographs.

Approved *R. J. French* Submitted by *D. H. Blankenship*

MAP T. 11/426 PROJECT NO. Ph-121 SCALE OF MAP 1:10,000 SCALE FACTOR 1.0

STATION	SOURCE OF INFORMATION (INDEX)	GP Vol. 8 DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
Monterey Bay 3, 1910		9	36 37 30.966 121 50 31.112			954.5 895.0 773.0 717.8	
Airway, 1930		2	36 34 23.944 121 50 50.447			738.0 1111.4 1254.3 237.5	
Mussel, 1932		10	36 37 18.154 121 54 11.632			559.6 1289.9 289.0 1201.9	
Flour Mill Staff 1910		20	36 36 49.11 121 53 52.74			1513.8 335.7 1310.6 180.4	
Monterey, USNR Res. Train. Sta. Radar Tw. 1953		610372	36 36 34.568 121 53 47.630			1065.5 784.0 1183.5 307.6	
Monterey, SOFAR, 1947		12	36 36 32.177 121 53 24.004			991.8 857.7 596.5 894.6	
Presidio, Flagpole 1910		21	36 36 23.60 121 54 01.91			727.4 1122.1 47.5 1443.7	
Beacon, San Carlos, Hotel, 1932		101	36 36 01.432 121 53 38.841			44.1 1805.4 965.4 525.9	
Monterey, County Hosp. Cupola, 1932		15	36 35 43.767 121 53 41.804			1349.1 500.4 1039.1 452.3	
Monterey, PG&E Gas Tank, 1932		15	36 35 58.49 121 53 21.94			1802.9 46.6 545.3 946.0	

PROJECT NO. Ph-121

SCALE OF MAP 1:10,000

SCALE FACTOR 1.0

[illegible]

1 FT. = 3048006 METER
COMPUTED BY: C.C.

eMarr

DATE April 14, 1954

CHECKED BY: L. C. Lande

DATE April 15, 1954

MAP T. 11426

PROJECT NO. Ph-121

SCALE OF MAP 1:10,000

SCALE FACTOR 1.0

STATION	Desc. SOURCE OF INFORMATION (INDEX)	G.P. Vol. & DATUM	LATITUDE OR y- COORDINATE LONGITUDE OR x- COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS (BACK)		DATUM CORRECTION	N.A. 1927 - DATUM		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
								FORWARD	(BACK)	FORWARD	(BACK)
MONTEREY, P.G.&E. STACK	N.d.	16	36	36	01.050			32.4	1817.1		
			121	53	22.916			569.6	921.7		
BEATH 2, 1953	Q 10372	Q 10372	36	36	03.630			111.9	1737.6		
			121	52	50.882			1264.7	226.6		
DEL MONTE, USN POST GRADUATE SCHOOL TOWER (POST) 1953	G10372	G10372	36	35	57.643			1776.8	72.7		
			121	52	32.604			810.4	680.9		
DEL MONTE CUPOLA 1910	N.d.	20	36	35	48.82			1504.8	344.7		
			121	52	21.61			537.1	954.3		
SEASIDE 2, (CSLC) 1951			36	36	27.499			847.6	1001.9		
			121	51	37.411			929.8	561.4		
SEASIDE CH.SPIRE 1932	N.d.	15	36	36	27.920			860.6	988.9		
			121	51	09.888			245.7	1245.5		
UNION OIL TANK, 1932	N.d.	15	36	36	38.890			1198.7	650.8		
			121	50	58.980			1465.8	25.3		
MONTEREY BAY 3 W.T. ON HILL CLOSE BY 1932	N.d.	14	36	37	33.34			1027.7	821.8		
			121	50	25.34			629.6	861.2		
LAKESIDE, 1930		6	36	36	16.371			504.6	1344.9	E. of sheet	
			121	49	30.666			762.2	729.0		
PT. PINOS L. HO. 1855-1930	N.d.	7	36	38	00.300			9.3	1840.2	NW of sheet	
			121	55	57.538			1429.5	61.2		

1 FT. - 3048006 METER

COMPUTED BY C. O. DeMarr

DATE April 14, 1954

CHECKED BY L. C. Lande

DATE April 14, 1954

M-2388-12

HORIZONTAL CONTROL RECORD

<u>Station Name</u>	<u>Identification</u>	<u>Data</u>	<u>Remarks</u>	<u>Tolerance</u>
1. Pt. Pinos Light House, 1855-1930	Office	Description	2 radials	Held
2. Town 1933-1954 Topo Sta.	Field	"Pricking Card" Photo 18F-68		Held
3. Monterey Amer. Can Co. Stack, 1932	Field	"Pricking card" Photo 18F-68	1 radial	Held
4. Monterey Presidio Mon, 1932	Field	"Pricking" card Photo 18F-68		Held
5. Breakwater Lt. (USE) 1937	Field	"Pricking" card Photo 18F-68		Held
6. KMBY Radio Mast (USE) 1937	Field	"Pricking" card Photo 18F-68		Held
7. Monterey Co. Hosp. CUP., 1932	Office	Description		Held
8. Chim, 1933-1954 Topo Sta.	Field	"Pricking" card Photo 18F-117		Held
9. Del Monte Cup. 1910	Office	Description	2 radials	1.5 mm.
10. Monterey Peninsula Airport Bn. 1951 (Sub.Pt.)	Field	"Pricking" card Photo 18F-27		Held
11. Airway 1930 (Sub.Pt.)	Field	"Pricking" card Photo 18F-27		1.5 mm.
12. Seaside Church Spire, 1932	Office	Description		Held
13. Slab, 1953 (Sub Pts. A & B)	Field	"Pricking" Card Photo 18F-117		Held
14. Box, 1953 (Sub.Pt.)	Field	"Pricking" card Photo 18F-30		Held
15. Monterey Bay-3, 1910 (Sub.Pt.)	Field	Pricking card Photo 18F-30		1.2 mm.
16. Mont. Bay-3, W.T. on Hill close by, 1932	Office	Description	2 radials	Held
17. Lakeside, 1930 (SubPt.)	Field	Sketch on Page 8 of horiz.ang. book Vol. 1 of 1 (included with data for OP 271)		Held
18. Tank 1933 (Topo Sta)	Field	"Pricking" card Photo 18F-68	1 radial	Not Held

Held = Within 0.2 mm.

COMPILATION REPORT

T-11426

31. Delineation.-The manuscript was delineated graphically utilizing a ratio projector.

There is no stereoscopic coverage on Pt. Cabrillo or in the immediate vicinity of the Point. The area extends into the dock and building section east of the Point making an accurate interpretation of these features questionable. The MHWL is shown with the "approximate" symbol in the area of no stereoscopic coverage.

There was no field inspection of the MHWL or offshore features from Pt. Cabrillo west to Pt. Aulon.

There was no field interpretation of the MLLW line (excepting ledge); ~~84~~ building or road and railroad classification on the entire job.

32. Control.- The horizontal control was adequate regarding identification, density, and placement. The horizontal accuracy of the area of the radial plot from Pt. Cabrillo to Pt. Aulon is discussed in the Radial Plot Report (side heading 23).

No tidal bench marks were field inspected for location by the plot.

33. Supplemental Data.- Nautical chart No. 5403 (Monterey Bay, California) was used for geographic names. In addition, the larger scale 1:25,000 Army Map Service quads (Monterey, Cal. and Seaside, Cal.) were used for geographic names.

34. Contours and Drainage.- Inapplicable

35. Shoreline and Alongshore Details.- The incompleteness of the field inspection and the area of no stereoscopic coverage was discussed in side heading 31. Delineation.- of this report. As to definition, the photography was not the best for office interpretation of size and shape of docks, buildings, etc. alongshore.

36. Offshore Details.- Inapplicable

37. Landmarks and Aids.- Seven (7) of the eight landmarks submitted on Form 567 (Landmarks) are shown on Chart 5403 (1:50,000 scale).

Two of the four nonfloating aids on Form 567 (nonfloating aids) are shown on chart 5403.

The landmark STACK (formerly BLACK on T-4790) is destroyed and the building is gone on the 1949 photographs.

38. Control for Future Surveys.-- Five (5) recoverable topographic stations are shown on the manuscript. 525b forms (description of Recoverable Topo Station) and M-2226-12 forms (Control Station Identification Cards) were submitted by the field party for these stations.

New 524 forms including sketches are submitted by the compilation office for topo stations Chim, Stak, and Gab. No positions were available for these stations on 524 forms. The geographic position for station Chim was scaled from T-4790 and plotted and held in the radial plot.

Station Town, (1933), 1953, (T-4813 *1933) held in plot.

Tank, 1933 (not held in radial plot). Position of the point on the manuscript was plotted as taken from T-4813. This station had only one cut in this radial plot.

39. Junctions.-- No contemporary surveys.

40. Horizontal and Vertical Accuracy.--See side heading 23. of the Radial Plot Report.

46. Comparison with existing maps.-- Comparisons were made with AMS quads Seaside and Monterey (1:25,000 scale) 1946.

47. Comparison with nautical charts.-- Comparison was made with nautical chart 5403 (1:50,000 scale)-published in 1948-last correction in 1951.

The manuscript was compared with T-4790 (1933) and T-4813 (1933) 1:10,000 scale.

"Items to be applied to Nautical Charts Immediately".

The only major change in the MHW line is in the vicinity of the Monterey Municipal Wharf.

The two navigation lights (Red Lt. and Green Lt.) on the north end of the fish shed on municipal pier No. 2 are listed as minor aids to navigation by the field party and were pricked on the field inspection photos for location by the radial plot.

Submitted by

S. D. Blankenbaker
S. G. Blankenbaker

Approved by

L. C. Lande
L. C. Lande *By RIF*

GEOGRAPHIC NAMES

Survey No. T-11426

Name on Survey	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
<u>Monterey Harbor</u>									1
<u>Monterey Municipal Wharf</u>									2
<u>Pt. Aulon</u>									3
<u>Pt. Cabrillo</u>									4
<u>New Monterey</u>									5
<u>Pacific Grove</u>									6
<u>Monterey</u>									7
<u>Seaside</u>									8
<u>Ft. Ord Village</u>									9
<u>Laguna Del Ray</u>									10
									11
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									24
									25
									26
									27

Names approved
9-17-54
a.j.w.

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE DELETED~~

STRIKE OUT ONE

Washington, D. C. 10 June, 1954

I recommend that the following objects which have ~~(been inspected)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(the charts from)~~ the charts indicated.

The positions given have been checked after listing by S. G. Blankenbaker

L. C. Lande	Chief of Party.
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[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

TO BE CHARTED
TO BE DELETED

STRIKE OUT ONE

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Washington, D. C. June 10 1954

I recommend that the following objects which have ~~(XXXXXX)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(XXXXXXXXXX)~~ the charts indicated.

The positions given have been checked after listing by S. G. Blankenbaker

L. C. Lande

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED						
				LATITUDE *		LONGITUDE *															
				° ' "	D.M. METERS	° ' "	D.P. METERS	DATUM													
	TANK	Monterey PG&E Gas Tank, 1932	VIII P. 15 JW 9/30/54	36 35	58.49 ← 46.56	121 53	21.94	NA	1927	Triang. Position	1932	X	X	X	5403						
	KMBY			36 36	6.74	121 53	18.9	"	"	"	1937	X	X	X	5403						
	RTR	KMBY RADIO MAST, 1937 (USE)	VIII P. 15	36 37	05.2	121 54	10.39	"	"	"	1932	X	X	X	5402						
	STACK	Monterey American Can Co. Stack, 1932		36 37	16.6	121 54	258.3	"	"	"	1932	X	X	X	5403						
	Tank	Monterey Bny 3, W.T. on hill close by, 1932	Col 2 VIII P. 14 JW 9/29/54	36 37	33.34	121 50	25.34	"	"	"	1932	X	X	X	5403						
	Stack	Stack Atop Bldg. NW of inshore end of Breakwater	T 11426 JW 9/29/54	36 36	35.719	121 53	41.204	"	"	Radial Plot	1954	X	X	X	5403						
	CHY (HOUSE)	CHIM, 1933 (Topo Sta.)	"	36 36	8.72	121 52	1.85	"	"	Topo Surv. Rad. Plot	1933 1954	X	X	X	5402						
	Monument	Monterey Presidio Mon, 1932	VIII P. 15 JW	36 36	24.7	121 53	48.4	"	"	Triang. Position	1932	X	X	X	5403						
	Gable	N. Gable of fish house on N. end Municipal Wharf.	T 11426 JW	36 36	763.9	121 53	1204.2	"	"	Radial Plot	1954	X	X	X	5402						
		These landmarks have all been listed at one time or another and were picked on the aerial photos by a 1953 field inspection party, but no 567 was submitted.																			
			R.J.F.																		
							</														

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

STRIKE OUT ONE

NO BE CHARTED
TO BE DELETED

Washington, D. C. June 10, 1954

I recommend that the following objects which ~~have~~ *(have not)* been inspected from seaward to determine their value as landmarks be ~~charted~~ *(deleted from)* the charts indicated.

The positions given have been checked after listing by R. J. French

L. C. Lande	Chief of Party.
-------------	-----------------

L. C. Lande

[illegible]

Duplicate lib. O. 25 1-888(1934)

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 11426

1. Projection and grids ☒ 2. Title ☒ 3. Manuscript numbers ☒ 4. Manuscript size ☒

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ✓ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ✓ 7. Photo hydro stations None 8. Bench marks None 9. Plotting of sextant fixes None 10. Photogrammetric plot report ✓ 11. Detail points ✓

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline ✓ 13. Low-water line ✓ 14. Rocks, shoals, etc. ✓ 15. Bridges — 16. Aids to navigation — 17. Landmarks — 18. Other alongshore physical features — 19. Other along-shore cultural features —

PHYSICAL FEATURES

20. Water features ✓ 21. Natural ground cover 22. Planetable contours 23. Stereoscopic instrument contours 24. Contours in general 25. Spot elevations 26. Other physical features

CULTURAL FEATURES

27. Roads ☒ 28. Buildings ☒ 29. Railroads ☒ 30. Other cultural features ☒

BOUNDARIES

31. Boundary lines _____ 32. Public land lines _____

MISCELLANEOUS

33. Geographic names ☒ 34. Junctions None 35. Legibility of the manuscript ☒ 36. Discrepancy overlay ☒ 37. Descriptive Report ☒ 38. Field inspection photographs ☒ 39. Forms ☒ 40. Pos French

Reviewer _____ Supervisor, Review Section or Unit _____

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Computer

Supervisor

43. Remarks:

49. Notes for the hydrographer.-

Recoverable topographic stations shown on the manuscript.

Chim, 1933-1953
Stak, 1953
Gab, 1953
Town, 1933-1953
Tank, 1933

There was no field inspection of the MLLW line on the photographs except for a few ledge areas. There was no field inspection between Point Cabrillo and Point Aulon. There was no stereoscopic photo coverage in the vicinity of Pt. Cabrillo and this area includes part of the dock and building section east of Point Cabrillo. The MHW line is shown with the "approximate" symbol in the vicinity of Point Cabrillo. The rocks and ledge in the area are a combination of office and field interpretation and does not agree with topographic survey 4790.

J. D. Blankinship

Review Report T-11426
Shoreline Map
14 September 1954

62. Comparison with Registered Surveys.-

T-3069 & 3069a (revision) 1:10,000 1910 and 1924-5
T-4790 1:5,000 1933 (with contours)
T-4813 1:10,000 1933

Because of changes in construction west of the Municipal Wharf and in shoreline, due to erosion, east of the wharf, the shoreline on T-11426 supersedes that of the older surveys. Fore-shore details supplement rather than amend the older surveys in the area west of the Municipal Wharf.

63. Comparison with Maps of Other Agencies.-

USE	Seaside, California,	1:25,000	1950
USE	Monterey, California,	"	"

No major differences are discernible. T-11426 is delineated from later photographs.

64. Comparison with Contemporary Hydrographic Surveys.- The latest hydrographic survey was made in 1933.

65. Comparison with Nautical Charts.-

5403 1:50,000 January 1948, corrected April 1951
T-11426 supersedes the chart in the harbor area.

66. Accuracy.--All interior detail was delineated from office interpretation. The shoreline of the new Monterey dock area and eastward was delineated from field inspection identification (see Field Inspection Report, page 2).

All field inspection information was utilized. The map is of charting accuracy for this scale or smaller.

Reviewed by:

K. N. Maki for
Lena T. Stevens

APPROVED

Chief, Review Branch
Div. of Photogrammetry

Chief, Nautical Chart Branch
Division of Charts

Chief, Div. of Photogrammetry

Chief, Div. of Coastal Surveys

Review Report T-11426
Shoreline Map
14 September 1954

62. Comparison with Registered Surveys.-

T-3069 & 3069a (revision)	1:10,000	1910 and 1924-5
T-4790	1:5,000	1933 (with contours)
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Reviewed by:

Lena T. Stevens

APPROVED

Chief, Review Branch
Div. of Photogrammetry

Acting _____
Chief, Div. of Photogrammetry

Max B. Little

Chief, Nautical Chart Branch
Division of Charts

[Signature]

Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T 11426

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.